Solar-Powered Smart Microgrid for Concentrated Areas and Public Lighting System

Sunday Olusheyi Falaye – Founder & Chief Executive Officer
Econergco West Africa Limited
Lagos, Nigeria
Problem

- Generates and supply $\leq 4$ gigawatt of electricity
- Weak National Grid System
- Poor quality of electricity supply
- Intensive use of diesel/petrol generators
- Uncoordinated strategies for achieving Sustainable Development Goals
Solution

- Solar Power (irradiation between 3.5-7Kw/m²/day).
- Smart Microgrid Technology- Generate, distribute and regulate supply
- End-to-end solutions
Our Model: Concentrated Geographic Areas

For:
- Housing estate
- Business and industrial parks
- Hospitals
- Military facilities
- Academic Institutions
- Irrigation estate
- Retail mall
Our Model: Public Lighting System

For:
- Street Lights
- Traffic Lights
- Security Cameras (CCTV)
Pay Per Kilowatt Hour Billing System

Features of Our Model

Online payment via web and app

Electricity Management and Control
Wrap-Up

- Pathway to achieving Sustainable Development Goals

- Innovative Solution to weak National Grid System

- The solution can be easily replicated in other African countries.
Call to Action

Join us to solve electricity challenges in Nigeria and Africa as a whole by raising fund for the pilot projects.

- Smart Microgrid System for Master Planned Estate: €250,000
- Public Lighting System: €150,000
Thank You!

Sunday Olusheyi Falaye
+234.802.446.2935
sundayfalaye@gmail.com